

# PATENT COOPERATION TREATY

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## PCT

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APPLICATION AS PUBLISHED OR REPUBLISHED

To:

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Applicant GIN, Jack		

The International Bureau transmits herewith the following documents:

- ☐ copy of the international application as published by the International Bureau on under No. WO
- ☒ copy of international application as republished by the International Bureau on 06 May 2005 (06.05.2005) under No. WO 2005/022475  
For an explanation as to the reason for this republication of the international application, reference is made to INID codes (15), (48) or (88) (*as the case may be*) on the front page of the attached document.

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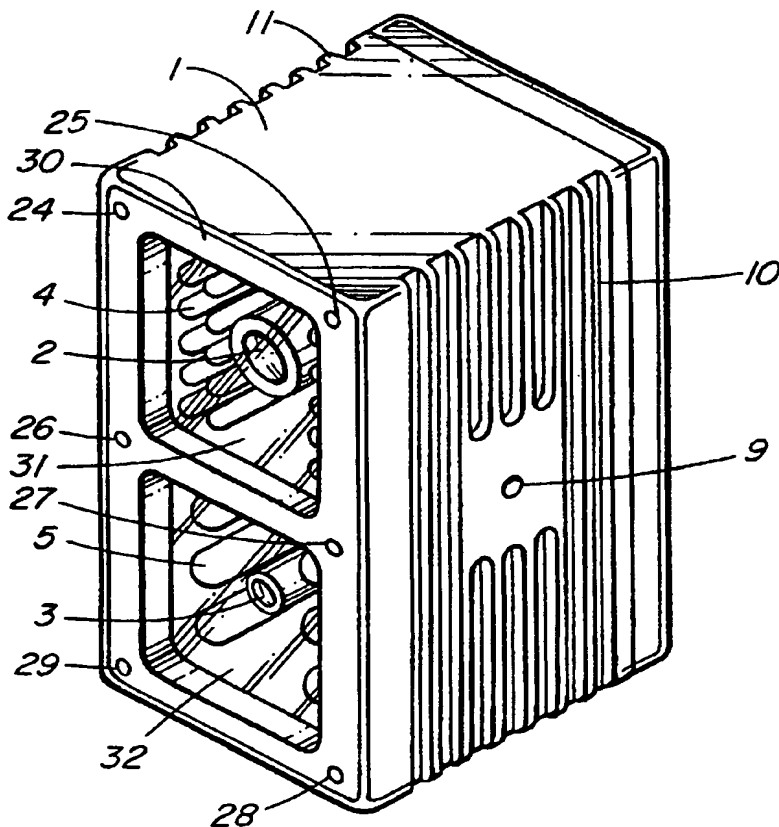
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[Continued on next page]

(54) Title: DUAL SURVEILLANCE CAMERA SYSTEM



(57) Abstract: A surveillance system having two specialized surveillance cameras with corresponding specialized illuminators is provided in a dual compartment container that eliminates internal light reflection problems by separating each camera and corresponding illuminator while combining each camera with an alternate illuminator, rendering the system more accurate, yet more compact and suited to unobtrusive placement. Considerable heat is generated by the specialized illuminators, requiring a heat sink to preserve illuminator life expectancy and to prevent the adjacent cameras from being adversely affected by the heat. Another feature enabling the system to work in its compact form despite the heat from the illuminators is that the protective case itself is adapted to be a heat sink for the illuminators.

WO 2005/022475 A3



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## INTERNATIONAL SEARCH REPORT

International application No.  
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1. CLASSIFICATION OF SUBJECT MATTER		
IPC <sup>7</sup> H04N-7/18; G03B-15/03; F21V-33/00		
2. FIELDS SEARCHED		
Minimum documentation searched (classification system followed by classification symbols) IPC H04N-7/18; G03B-15/03; F21V-33/00; Canadian 350/32; 95; 240/64-240/65; 240/89-240/110		
Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched		
Electronic data base consulted during the international search (name of data base, and, where practicable, search terms used) :		
Databases : Delphion, USPTO, Espacenet, Canadian Patent Database		
Keywords : multiple illuminators, lighting sources, cameras, surveillance, LEDs, heat sink, infrared, lighting compartments		
3. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 02/073535 (RICONDA et al.) 19 September 2002 (19.09.2002), abstract; page 9 (lines 25-31), page 10 (lines 32-38); figs. 9b, 11a	1-3, 7-9, 11, 13-14
Y	US 6550949 (BAUER et al.) 22 April 2003 (22.04.2003), abstract; column 1 (line 45) - column 3 (line 2); column 14 (line 40) - column 15 (line 65); figs 12-16	1, 4, 7
Y	CA 2295257 (SARAJI) 3 August 2000 (03.08.2000), abstract; page 16 (line 20) - page 17 (line 4); figs. 1-4	5, 13-14
Further documents are listed in the continuation of Box C. Patent family members are listed in annex.		
* Special categories of cited documents :	"I" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention	
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art	
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family	
"O" document referring to an oral disclosure, use, exhibition or other means		
"P" document published prior to the international filing date but later than the priority date claimed		
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Information on patent family members

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Patent Document Cited in the Search Report	Publication Date	Patent Family Members	Publication Date(s)
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Y US 6550949	22.04.2003	WO 97/48134 A1 WO 00/15462 A1 US 6672745 US 6523976 US 6509832 US 6132072 US 5803579 KR 0016616 A JP 2002524348 T2 JP 2000513293 T2 EP 1113945 A4 CA 2343781 CA 2258049 AU 5581699 A1 AU 3306897	18.12.1997 23.03.2000 06.01.2004 25.02.2003 21.01.2003 17.10.2000 08.09.1998 25.03.2000 06.08.2002 10.10.2000 04.12.2002 23.03.2000 18.12.1997 03.04.2000 07.01.1998
Y CA 2295257	03.08.2000	US 6179434	30.01.2001